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December 22, 2007

Signature of Attorney/Agent

Edward J. Milbrada  
Attorney/Agent Name

40,090  
Reg. No.

P&G Case CM2689QL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of: :  
Ehrnsperger et al. : Confirmation No.: 7464  
Serial No.: 10/645,362 : Group Art Unit: 3761  
Filed: August 21, 2003 : Examiner  
For: ABSORBENT CORES FOR ABSORBENT DIAPERS HAVING REDUCED  
THICKNESS AND IMPROVED LIQUID HANDLING AND RETENTION  
PERFORMANCE AND COMPRISING A SUPER ABSORBENT POLYMER

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, record is being made on the attached Form PTO/SB08 of documents which the Patent Office may wish to consider in connection with examination of the above-identified patent application. It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in this case. As provided in §1.97(g), no representation is made or intended that a thorough art search was made. As provided in 37 C.F.R. §1.97(h), this Information Disclosure Statement does not constitute an admission of any kind, and specifically is not an admission that the documents listed on attached form PTO/SB08 are, or are considered to be, material to the patentability of the above-identified patent application, as defined in 37 C.F.R. §1.56(b).

1. ☐ 37 C.F.R. §1.97(b)(1) - U.S. Direct (use when filing IDS with nonprovisional patent application, or with Request for Continued Examination (RCE); or within 3 months of filing a nonprovisional patent application)

This information disclosure statement, submitted under 37 C.F.R. §1.97(b)(1), is being filed with the patent application, with a Request for Continued Examination or within three months of the filing date of a national application. Therefore, no fee is believed to be due.

2. ☒ **37 C.F.R. §1.97(b)(3) - (use when filing IDS more than 3 months after filing a nonprovisional patent application, but prior to receipt of first Office Action)**

This information disclosure statement is being submitted under 37 C.F.R. §1.97(b)(3). Applicants have not received an Office Action on the merits in the present application. Therefore, no fee is believed to be due. However, in the event that this paper is crossing in the mail with a first Office Action on the merits, authorization is hereby given to charge the required fee pursuant to 37 C.F.R. §1.97(c) and 37 C.F.R. §1.17(p) to Deposit Account No. 16-2480 in the name of The Procter & Gamble Company. A duplicate of this letter (or a fee transmittal form) is enclosed to facilitate charging of the fee, if necessary.

3. ☐ **37 C.F.R. §1.97(b)(4) - (use when filing IDS prior to receipt of first Office Action after the filing of a Request for Continued Examination (RCE) under §1.114)**

This information disclosure statement is being submitted under 37 C.F.R. §1.97(b)(4). Applicants have not received a first Office Action after filing a Request For Continued Examination (RCE). Therefore, no fee is believed to be due. However, in the event that this paper is crossing in the mail with a first Office Action on the merits, authorization is hereby given to charge the required fee pursuant to 37 C.F.R. §1.97(c) and 37 C.F.R. §1.17(p) to Deposit Account No. 16-2480 in the name of The Procter & Gamble Company. A duplicate of this letter (or a fee transmittal form) is enclosed to facilitate charging of the fee, if necessary.

4. ☐ **37 C.F.R. §1.97(c) with fee payment - (use when filing IDS after receipt of first Office Action, and before receipt of Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution)**

This information disclosure statement is being submitted under 37 C.F.R. §1.97(c). Applicant(s) have not received a final action under 37 C.F.R. §1.113, a notice of allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (e.g., *Ex parte Quayle*) as of the date of this submission. Applicant(s) elect to pay the fee set forth in 37 C.F.R. §1.17(p). Please charge the fee set forth in 37 C.F.R. §1.17(p) to Deposit Account Number 16-2480 in the name of The Procter & Gamble Company. A duplicate copy of this letter (or a fee transmittal form) is enclosed to facilitate the charging of the fee.

5. ☐ **Information to be Considered with Continued Prosecution Application (CPA) Filing (use when filing IDS with a Continued Prosecution Application (CPA) for Design Case).** This information disclosure statement is being filed with a Continued Prosecution Application (CPA) filed under 37 C.F.R. 1.53(d).

**ADDITIONAL ITEMS TO BE NOTED BY THE EXAMINER:**

☒ (For use with applications filed after June 30, 2003.) In accordance with 37 C.F.R. §1.98(a)(2), Applicants are submitting copies of foreign patent documents and non-patent literature.

☐ Pursuant to 37 C.F.R. §1.98(c), a concise explanation of the relevance of each cited reference that is not in the English language is provided.

☐ Applicants also respectfully request the Examiner to consider and make of record the co-pending applications listed on the attached page.

☐ Additional information is attached.

Respectfully submitted,

By 

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Date: December 22, 2003  
Customer No. 27752  
(IDS.doc) (Last Revised 10/10/03)

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PTO/SB08A (08-03)

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 2



## COMPLETE IF KNOWN

Application Number	10/645,362
Confirmation Number	7464
Filing Date	August 21, 2003
First Named Inventor	Bruno Johannes Ehrnsperger
Group Art Unit	3761
Examiner Name	
Attorney Docket Number	CM2689QL

## U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	US-3,699,103	10/17/1972	KISS	
	2	US-3,770,731	11/06/1973	JAEGER	
	3	US-4,020,780	05/03/1977	SHUMAKER ET AL.	
	4	US-4,076,663	02/28/1978	MASUDA ET AL.	
	5	US-4,340,706	07/20/1982	OBAYASHI ET AL.	
	6	US-4,421,602	12/20/1983	BRUNNMUELLER ET AL.	
	7	US-4,506,052	03/19/1985	FURUKAWA ET AL.	
	8	US-4,541,871	09/17/1985	OBAYASHI ET AL.	
	9	US-4,587,308	05/06/1986	MAKITA ET AL.	
	10	US-4,625,001	11/25/1986	TSUBAKIMOTO ET AL.	
	11	US-4,654,039	03/31/1987	BRANDT ET AL.	
	12	US-4,666,983	05/19/1987	TSUBAKIMOTO ET AL.	
	13	US-4,673,402	06/16/1987	WEISMAN ET AL.	
	14	US-4,734,478	03/29/1988	TSUBAKIMOTO ET AL.	
	15	US-4,735,987	04/05/1988	MORITA ET AL.	
	16	US-4,789,861	12/06/1988	BAGGETT ET AL.	
	17	US-4,824,901	04/25/1989	ALEXANDER ET AL.	
	18	US-4,834,735	05/30/1989	ALEMANY ET AL.	
	19	US-4,935,022	06/19/1990	LASH ET AL.	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENT			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	20	EP 0 509 708	B1		10/21/1992	GARTNER ET AL.		
	21	EP 0 532 002	B1		03/17/1993	BYERLY ET AL.		
	22	EP 0 752 892	B1		01/15/1997	GOLDMAN ET AL.		
	23	WO 90/08789	A1		08/09/1990	TAI		
	24	WO 92/16565	A1		10/01/1992	STANLEY ET AL.		
	25	WO 93/05080	A1		03/18/1993	STANLEY		
	26	WO 95/26209	A1		10/05/1995	GOLDMAN ET AL.		
EXAMINER						DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: C mmissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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(Revised for P&G use 10/8/2003)

PTO/SB08A (08-03)

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APPLICANT  
(necessary)  
DEC 29 2003  
PATENT & TRADEMARK OFFICE  
U.S. PAT

Application Number	10/645,362
Confirmation Number	7464
Filing Date	August 21, 2003
First Named Inventor	Bruno Johannes Ehrnsperger
Group Art Unit	3761
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Attorney Docket Number	CM2689QL

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		Number - Kind Code <sup>2</sup> (if known)			
	27	US-5,047,023	09/10/1991	BERG	
	28	US-5,061,259	10/29/1991	GOLDMAN ET AL.	
	29	US-5,124,188 A	06/23/1992	ROE ET AL.	
	30	US-5,147,343 A	09/15/1992	KELLENBERGER	
	31	US-5,147,345 A	09/15/1992	YOUNG ET AL.	
	32	US-5,149,335 A	09/22/1992	KELLENBERGER ET AL.	
	33	US-5,164,459 A	11/17/1992	KIMURA ET AL.	
	34	US-5,217,445 A	06/08/1993	YOUNG ET AL.	
	35	US-6,121,509 A	09/19/2000	ASHRAF ET AL.	
	36	US-RE.32,649	04/19/1988	BRANDT ET AL.	

<b><u>FOREIGN PATENT DOCUMENT</u></b>							<b>T<sup>6</sup></b>
<b>EXAMINER INITIALS*</b>	<b>Cite No.<sup>1</sup></b>	<b>Country Code<sup>3</sup></b>	<b>Number<sup>4</sup></b>	<b>Kind Code<sup>5</sup> (if known)</b>	<b>Publication Date MM-DD-YYYY</b>	<b>Name of Patentee or Applicant of Cited Document</b>	
<b>EXAMINER</b>						<b>DATE CONSIDERED</b>	

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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(Revised for P&G use 10/8/2003)